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( 1948 )

difficult to judge to a nicety in so sudden a motion ; but there was a sensible difference betwixt the rebound of those dropt *in Vacuo*, and those in Air condens'd. I could not observe that the small difference in the weight of the Marbles made any discernable alteration in their Resiliitions.

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V. *An Experiment on the descent of Malt dust in the Evacuated Receiver, at Gresham College.* By Mr Fr. Hauksbee.

I Took some Malt dust, and having well dried the same, put a quantity of it into a fine Muslin Bag, where being loosely inclos'd, would upon shaking discover it self plentifully in the open Air, undulating and floating a considerable time before it would descend ; but being included within a Receiver, from which the Air was well exhausted ; and then shaken, the dust descended as a ponderous Body, precipitating in strait lines from the top to the bottom of a tall Receiver.

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London, Printed for Sam. Smith and Benj. Walford, Printers to the Royal Society, at the Princes Arms in St Paul's Church-yard, 1705.